

ABSTRACT OF THE INVENTION.

[0054] The present invention provides a system and method of synchronizing a cache that substantially eliminates or reduces disadvantages associated with previously developed systems and methods of synchronizing caches. More particularly, embodiments of the present invention provide a system and method for bi-directional synchronization of a cache. One embodiment of the system of this invention includes a software program stored on a computer readable medium. The software program can be executed by a computer processor to run in user space and perform steps comprising: receiving a database asset from a database; storing the database asset as a cached file in a cache; determining if the cached file has been modified; and if the cached file has been modified, communicate the cached file directly to the database. In one embodiment of the present invention, the software program can determine if the cached file has been modified through automatic notification from a file management system. Alternatively, the software program can poll a cached file to determine if the cached file has changed. In another embodiment of the present invention, the software program can be further executable to perform the step of prompting an operating system to open the cached file in an application associated with the cached file's file type. In yet another embodiment of the present invention, the software program can be further executable to receive notifications from a database of when contention for a database asset occurs. Thus, bi-directional synchronization can occur.